

## Volume contents

### Volume 83 (1995)

Neurotrophin receptor proteins immunoreactivity in the rat cerebellar cortex as a function of age J.M. Torres, F. J. Naves, I. Esteban, M.E. Del Valle, J.A. Vega (Oviedo, Spain) . . . . .	1
Age-related changes in basal dendrite and dendritic spine of hippocampal pyramidal neurons (CA1) among SAMP1TA/Ngs—quantitative analysis by the rapid Golgi method S. Kawaguchi, M. Kishikawa, M. Sakae, Y. Nakane (Nagasaki, Japan)	11
Evolution of neuronal density in the ageing thalamic reticular nucleus R. Ramos, V. Requena, F. Díaz, A. Villena, I. Pérez de Vargas (Málaga, Spain) . . . . .	21
Analysis of mortality rate from carcinoma of prostate J.M. Clive, R.P. Spencer (Farmington, CT) . . . . .	31
Stimulatory effect of saponin from <i>Panax ginseng</i> on immune function of lymphocytes in the elderly J. Liu, S. Wang, H. Liu, L. Yang, G. Nan (Beijing, China) . . . . .	43
Suppression of age-related changes in mouse hippocampal CA3 nerve cells by a free radical scavenger A. Asanuma, Y. Yamauchi, T. Koga, I. Katayama (Saitama, Tokyo, Shizuoka, Japan) . . . . .	55
A mortality kinetics approach to characterizing the fractionated exposure-mortality response relationship of radon progeny P.J. Neafsey, W.B. Lowrie, F.T. Cross (Storrs, CT; Washington, DC)	65
On age-related changes of cell membrane permeability in human buccal epithelium cells Y.G. Shckorbatov, V.G. Shakhbazov, A.M. Bogoslavsky, A.O. Rudenko (Kharkov, Ukraine) . . . . .	87
High levels of mitochondrial DNA deletions in skeletal muscle of old rhesus monkeys S.R. Schwarze, C.M. Lee, S.S. Chung, E.B. Roecker, R. Weindruch, J.M. Aiken (Madison, WI) . . . . .	91

Age-associated changes in mitogen-induced lymphoproliferation and lymphokine production in the long-lived brown-norway rat: effect of caloric restriction I.M. Goonewardene, D.M. Murasko (Philadelphia, PA) . . . . .	103
Postnatal development of methionine-enkephalin modulation of cholinergic transmission in cat ileum L. Chernaeva, Z. Mizhorkova (Sofia, Bulgaria) . . . . .	117
Age-related changes in the numbers of mammotrophs, somatotrophs and mammosomatotrophs in the anterior pituitary gland of female rats: A flow cytometric study T. Shinkai, Y. Sakurai, H. Ooka (Tokyo, Japan) . . . . .	125
Age-related changes in cellular localization and enzymatic activities of cathepsins B, L and D in the rat trigeminal ganglion neuron T. Amano, H. Nakanishi, T. Kondo, T. Tanaka, M. Oka, K. Yamamoto (Fukuoka, Japan) . . . . .	133
Reduced ability of hypothalamic and pituitary extracts from old mice to stimulate thymulin secretion in vitro R.G. Goya, M.-C. Gagnerault, Y.E. Sosa, M. Dardenne (La Plata, Argentina; Paris, France) . . . . .	143
Total RNA, rRNA and poly(A) <sup>+</sup> RNA abundances during aging in <i>Caenorhabditis elegans</i> T.J. Fabian, T.E. Johnson (Boulder, CO) . . . . .	155
Long-term culture of monoclonal human T lymphocytes: models for immunosenescence? M. Adibzadeh, H. Pohla, A. Rehbein, G. Pawelec (Tübingen, Germany) . . . . .	171
Prolonged recovery and reduced adaptation in aged rat muscle following eccentric exercise T.A. McBride, F.A. Gorin, R.C. Carlsen (Davis, CA) . . . . .	185
Author index . . . . .	201
Subject index . . . . .	203
Volume contents . . . . .	205
Announcement . . . . .	207

